

CLAIMS

1. A method of manufacturing a magnetic recording medium for manufacturing a discrete track magnetic recording medium comprising:

forming a resin layer on a magnetic recording medium preform in the shape of a flat plate where a magnetic layer is formed on a support substrate and specifying a preform center of the magnetic recording medium preform;

placing a magnetic recording medium stamper on the magnetic recording medium preform with the specified preform center and a stamper center specified based on a stamper center specifying mark formed on the magnetic recording medium stamper aligned when viewed from the thickness direction of the magnetic recording medium preform to transfer a concave/convex pattern of the magnetic recording medium stamper to the resin layer; and

forming concave parts in the magnetic layer of the magnetic recording medium preform using the resin layer to which the concave/convex pattern has been transferred.

2. A method of manufacturing a magnetic recording medium according to Claim 1, wherein as the magnetic recording medium preform, a magnetic recording medium preform on which a preform center specifying mark that can specify the preform center is formed is used and the concave/convex pattern is transferred to the resin layer by placing the magnetic recording medium stamper on the magnetic recording medium preform with the preform center, which is specified based on the preform center specifying mark, and the stamper center aligned when viewed from the thickness direction.

3. A magnetic recording medium stamper where a concave/convex pattern for manufacturing a discrete track magnetic recording medium is formed and a stamper center specifying mark capable of specifying a center of the stamper is formed.

4. A magnetic recording medium stamper according to Claim 3, wherein the stamper center specifying mark is constructed of one of a convex part where part of a central area of the magnetic recording medium stamper protrudes and a concave part where part of a central area of the magnetic recording medium stamper is depressed.

5. A magnetic recording medium preform wherein a magnetic layer is formed on a support substrate so as to be capable of manufacturing a discrete track magnetic recording medium and a preform center specifying mark capable of specifying a center of the magnetic recording medium preform is formed.

6. A magnetic recording medium preform according to Claim 5, wherein the preform center specifying mark is constructed of one of a convex part where part of a central area of the magnetic recording medium preform protrudes and a concave part where part of a central area of the magnetic recording medium preform is depressed.